

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO. 074273/0163

Applicant: Satoshi OBANA  
Title: ENCRYPTION AND DECRYPTION WITH ENDURANCE TO  
CRYPTANALYSIS METHOD  
Appl. No.: Unassigned  
Filing Date: 04/20/2000  
Examiner: Unassigned  
Art Unit: Unassigned

**UTILITY PATENT APPLICATION**  
**TRANSMITTAL**

Assistant Commissioner for Patents  
Box PATENT APPLICATION  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is the nonprovisional utility patent application of:

Satoshi OBANA

Enclosed are:

- [ X ] Specification, Claim(s), and Abstract (141 pages).
- [ X ] Formal drawings (28 sheets, Figures 1-28).
- [ X ] Declaration and Power of Attorney (2 pages).
- [ X ] Assignment of the invention to NEC CORPORATION.
- [ X ] Assignment Recordation Cover Sheet.
- [ X ] Claim for Convention Priority and Priority Document.
- [ X ] Information Disclosure Statement.
- [ X ] Form PTO-1449 with copies of 8 listed reference(s).

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jc760 U.S. PTO

jc530 U.S. PTO  
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The filing fee is calculated below:

	Claims as Filed	Included in Basic Fee	Extra Claims	Rate	Fee Totals
Basic Fee				\$690.00	\$690.00
Total Claims:	63	- 20	= 43	x \$18.00	= \$774.00
Independents:	9	- 3	= 6	x \$78.00	= \$468.00
If any Multiple Dependent Claim(s) present:				+ \$260.00	= \$0.00
Assignment Recording Fee per property				+ \$40.00	= \$40.00
				SUBTOTAL:	= \$1972.00
[ ] Small Entity Fees Apply (subtract 1/2 of above):					= \$0.00
				TOTAL FILING FEE:	= \$1972.00

- [ X ] A check in the amount of \$1972.00 to cover the filing fee is enclosed.
- [ ] The required filing fees are not enclosed but will be submitted in response to the Notice to File Missing Parts of Application.
- [ X ] The Assistant Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Assistant Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

April 20, 2000  
Date

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